

## Meeting Minutes: Meeting of the IEEE P802.3da SPMD Task Force

14 September 2022

Electronic Interim meeting

Prepared by Peter Jones

IEEE P802.3da SPMD Task Force meeting was convened at **7:02AM PDT**, 14 September 2022 by the chair, Chad Jones.

The meeting was held electronically via WebEx.

Attendance is listed in Appendix A

All presentations referenced in these minutes are located on the [Task Force Meeting Materials](#) site under the [public page for this meeting](#).

Peter Jones was appointed as recording secretary for the meeting.

This being a teleconference meeting, the Chair asked that participants introduce themselves when speaking, in lieu of a formal roll call. There was no objection.

The Chair displayed and proceeded to review the agenda in [agenda link](#)

The agenda was approved at **7:04AM PDT** by unanimous consent.

**Members of the Press**, At **7:07AM PDT** the chair asked for any press members to identify themselves. None heard.

At **7:07AM PDT**, The Chair resumed review of the agenda deck, including the following items – a review of the participation policy, a review of the IEEE copyright policy, a review of the IEEE policy on dominance, and a review of the IEEE Standards process. There were no questions.

**Attendance**, The Chair advised the group that the attendance would be taken from Webex.

**IEEE Patent Policy**, The Chair read aloud the patent slides at **7:08AM PDT**. The call for patents was made and **none** responded.

The slides on SA Copyright Policy as well as the Individual Participant Behavior slides were shown and presented at **7:10AM PDT**.

The minutes from the July plenary were approved at **7:13AM PDT** by unanimous consent.

Presentations and Discussion:

At **7:13AM PDT** the Chair moved on to the presentations.

**Presentation: 802.3da Mixing Segment Update with TX Model**

(Presented by Chris DiMinico, PHY-SI LLC/SenTekse)

- [https://www.ieee802.org/3/da/public/0922/diminico\\_SPMD\\_01\\_09142022.pdf](https://www.ieee802.org/3/da/public/0922/diminico_SPMD_01_09142022.pdf)
- Presenter presented presentation
- Questions asked and answered

**Presentation: 802.3da Power Development**

(Presented by Michael Paul, Analog Devices)

- [https://www.ieee802.org/3/da/public/0922/paul\\_01\\_da\\_09142022.pdf](https://www.ieee802.org/3/da/public/0922/paul_01_da_09142022.pdf)
- Presenter presented presentation
- Questions asked and answered

**Presentation: Consensus Model Update**

(Presented by Michael Paul, Analog Devices)

- [https://www.ieee802.org/3/da/public/0922/paul\\_02\\_da\\_09142022.pdf](https://www.ieee802.org/3/da/public/0922/paul_02_da_09142022.pdf)
- Presenter presented presentation
- Questions asked and answered

**Presentation: Pruning the Decision Trees**

(Presented by George Zimmerman, CME Consulting)

- [https://www.ieee802.org/3/da/public/0922/zimmerman\\_3da\\_01\\_09142022.pdf](https://www.ieee802.org/3/da/public/0922/zimmerman_3da_01_09142022.pdf)
- Presenter presented presentation
- Questions asked and answered

**Presentation: 802.3 da Path Forward Straw Polls**

(Presented by Jason Potterf, Cisco Systems, Inc)

- [https://www.ieee802.org/3/da/public/0922/SPMD\\_Potterf\\_Path\\_Forward\\_Straw\\_Poll\\_2022-09-14\\_WithResults.pdf](https://www.ieee802.org/3/da/public/0922/SPMD_Potterf_Path_Forward_Straw_Poll_2022-09-14_WithResults.pdf)
- Presenter presented presentation
- Questions asked and answered

Strawpolls –

Slido link: <https://app.sli.do/event/68L7s4XP7qKehdzQnnw38K>

Straw Poll Question # 1 – Data Cable Models – **8:54AM PDT**

Y/N/A: 28/1/15

Straw Poll Question # 2 – PHY Models – **8:59AM PDT**

Y/N/A: 21/2/17

Straw Poll Question # 3 – Compensation Limits – **9:04AM PDT**

Y/N/A: 23/6/10

Straw Poll Question # 4 –Repeater / Retimer – **9:07AM PDT**

Y/N/A: 25/4/10

Straw Poll Question # 5 –Power Limits – **9:14AM PDT**

Y/N/A: 28/5/7

Proposed Straw Poll Question # 6 –

“wrt straw poll question #2: a) I did not abstain, b) I did abstain because I do not intend to cast a vote, c) I did abstain because I believe what has been presented is not good enough to make a decision”

Straw poll not conducted.

Presentations and discussion concluded at **9:29AM PDT**

#### Timeline & Work Items

- Both will need to be reviewed in November.

#### Future Meetings

- Change meeting cadence, same Wednesday start time, 3 hours every 3 weeks.
- Next meeting 7:00AM PDT Wednesday October 5<sup>th</sup>.
- Presentation requests to the Chair no later than Friday morning Pacific Time (Thursday AoE) prior to the meeting
  - Actual presentation is due on the Monday AoE prior to the meeting (latest)

**The chair called for any other topics to discuss, none heard.**

**Meeting adjourned by The Chair at 9:38AM PDT.**

## Attendance

Name	Employer	Affiliation	Attended 09/14 (webex)	Attended 09/14 (Imat)
Bob Voss	Panduit Corp.	Panduit Corp.	y	y
Brian Murray	Analog Devices Inc.	Analog Devices Inc.	y	y
Bruce Nordman	Lawrence Berkeley National Laboratory	Lawrence Berkeley National Laboratory	y	
Chad Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y
Chris Diminico	MC Communications	PHY-SI/SenTekse	y	
Clark Carty	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y
Craig Chabot	UNH-IOL	UNH-IOL	y	y
Dave Hess	Cord Data	Cord Data	y	y
David Brandt	Rockwell Automation	Rockwell Automation	y	y
David Law	Hewlett Packard Enterprise	Hewlett Packard Enterprise	y	y
David Tremblay	HPE	HPE	y	y
Dayin Xu	Rockwell Automation	Rockwell Automation	y	y
Fred Dawson	Chemours Canada Company	Chemours Canada Company	y	y
Geoff Thompson	GraCaSI S.A.	Independent	y	
George Zimmerman	CME Consulting	CME Consulting/APL Group, CommScope, Cisco Systems, Marvell, and SenTekse	y	y
Gergely Huszak	Self	Kone	y	y
Hans Lackner	QoSCom	QoSCom	y	y
Harry Aller	Innovative Lighting	Innovative Lighting	y	y
James Withey	Fluke Corporation	Fluke Corporation	y	y
Jason Potterf	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y
Jason Sisk	UNH-IOL	UNH-IOL	y	y
Jerome BRENGUIER	Schneider Electric	Schneider Electric	y	
Joshua Rush	UNH-IOL	UNH-IOL	y	y
Ken Schneider	Telebyte Inc	Telebyte Inc	y	
Kent Lennartsson	Kvaser AB	Kvaser AB	y	y
Kiyoshi Saito	Furukawa Electric	Furukawa Electric	y	y
Larry McMillan	Western Digital	Western Digital	y	
Mary Sue Hayydt	Microchip	Microchip	y	
Matthias Fritsche	HARTING Technologie Gruppe	HARTING Technologie Gruppe	y	y

Mehmet Tazebay	Broadcom	Broadcom	y	y
Michael Paul	Analog Devices Inc.	Analog Devices Inc.	y	y
Michal Brychta	Analog Devices Inc.	Analog Devices Inc.	y	y
Natalie Wienckowski	GM	GM	y	y
Paul Vanderlaan	UL LLC	UL LLC	y	y
Peter Fischer	BKS Kabel-Service AG	BKS Kabel-Service AG	y	y
Peter Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y
Piergiorgio Beruto	OnSemi	OnSemi	y	y
Rob Aekins	Legrand	Legrand	y	
Scott Wade	WadeLux Limited	DiiA	y	y
Steffen Graber	Pepperl+Fuchs	Pepperl+Fuchs	y	y
Stephan Schreiner	Rosenberger	Rosenberger	y	y
Steve Carlson	High Speed Design, Inc.	HSD, Robert Bosch, Ethernovia	y	
Thomas Mueller	Rosenberger	Rosenberger	y	
Tim Baggett	Microchip Technology, Inc.	Microchip Technology, Inc.	y	y
Tong Mu	Huawei	Huawei	y	y
Valerie Maguire	Copperopolis	Copperopolis	y	
Victor Renteria	Bel Fuse	Bel Fuse	y	y
Wayne Larsen	CommScope	CommScope	y	y
Wensheng Sun	Marvell	Marvell	y	y
Wojciech Koczwar	Rockwell Automation	Rockwell Automation	y	
Yoshihiro Niihara	Fujikura Ltd.	Fujikura Ltd.	y	y
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